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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/727,322	12/03/2003	Victor S. Chan	CA920030029US1	6214
50170	7590	09/26/2007		
IBM CORP. (WIP)			EXAMINER	
c/o WALDER INTELLECTUAL PROPERTY LAW, P.C.			ABEDIN, SHANTO	
P.O. BOX 832745				
RICHARDSON, TX 75083			ART UNIT	PAPER NUMBER
			2136	
			MAIL DATE	DELIVERY MODE
			09/26/2007	PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

*Handwritten initials*

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/727,322	CHAN ET AL.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Shanto M Z Abedin	2136	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Shanto M Z Abedin. (3) \_\_\_\_\_  
(2) Francis Lammes. (4) \_\_\_\_\_

Date of Interview: 12 September 2007.

Type: a) ☒ Telephonic b) ☐ Video Conference

c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No.

If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1-27.

Identification of prior art discussed: 35 USC 101 and 102 rejections.

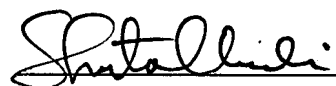
Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required


Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

35 USC 101 rejections: Proposed amendments of claim 10-18 are discussed. The applicant's representative was told that limitations such as "a computer program product" would raise possible future 35USC 101 rejection issue, and further amendments to the claims are needed to overcome/ avoid future 35 USC 101 rejections.

35 USC 102 rejections: The applicant was told that amendments would be considered, and a decision about the application would be made after further search once the amendments were formally received.

Copy of the Applicant's Interview request form and proposed amendments are enclosed with this interview summary .

NASSER MOAZZAMI  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

  
9/21/07

**Walder Intellectual  
Property Law, P.C.**

P.O. Box 832745  
Richardson, Texas 75083

Main No. (214) 722-6520  
Facsimile (214) 722-6533

## Facsimile Cover Sheet

To: Examiner Shanto Abedin Art Unit 2136 U.S. Patent and Trademark Office	Facsimile No. 571-273-3551 Telephone No. 571-272-3551
From: Francis Lammes Sent by: Michele Morrow, Admin. Asst.	No. of Pages Including Cover Sheet: 10
<b>Message:</b>  Following is a completed Applicant Initiated Interview Request Form as well an Agenda for Telephonic Interview including topics for discussion for the application referenced below. Francis has requested a phone interview for Tuesday, September 18, 2007, at 10:00 a.m. (Central Time). Please contact either Francis Lammes at 214-722-6491 or me at 214-722-6520 to let us know if you are willing to grant a phone interview and available on the proposed date and time.  Thank you for your consideration of this request.	
Serial No. 10/727,322 Attorney Docket No. CA920030029US1	
Date: Wednesday, September 12, 2007	

**Please contact us at (214) 722-6520 if you do not receive all pages indicated above or experience any difficulty in receiving this facsimile.**

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PTOL-413A (08-03)  
Approved for use through 07/31/2008. OMB 0851-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

## Applicant Initiated Interview Request Form

Application No.: 10/727,322 First Named Applicant: Victor S. Chan

Examiner: Shanto Abedin Art Unit: 2136 Status of Application: 1st Office Action

### Tentative Participants:

(1) Francis Lammes - 55,353 (2) \_\_\_\_\_

Proposed Date of Interview: September 18<sup>th</sup>, 2007 Proposed Time: 10:00 AM/PM  
Central Time

### Type of Interview Requested:

(1) ☒ Telephonic (2) ☐ Personal (3) ☐ Video Conference

Exhibit To Be Shown or Demonstrated: ☐ YES ☒ NO

If yes, provide brief description: \_\_\_\_\_

## Issues To Be Discussed

Issues Claims/ (Rej., Obj., etc)	Claims/ Fig. #s	Prior Art	Discussed	Agreed	Not Agreed
(1) <u>101 Rej.</u>	<u>10-18</u>	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(2) <u>102 Rej.</u>	<u>1-27</u>	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(3) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
(4) _____	_____	_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Continuation Sheet Attached

Brief Description of Arguments to be Presented: See attached

An interview was conducted on the above-identified application on \_\_\_\_\_

**NOTE:** This form should be completed by applicant and submitted to the examiner in advance of the interview (see MPEP § 713.01). This application will not be delayed from issue because of applicant's failure to submit a written record of this interview. Therefore, applicant is advised to file a statement of the substance of this interview (37 CFR 1.133(b)) as soon as possible.

Francis Lammes  
(Applicant/Applicant's Representative Signature)

\_\_\_\_\_  
(Examiner/SPE Signature)

Francis Lammes  
Typed/Printed Name of Applicant or Representative

55,353  
Registration Number, if applicable

This collection of information is required by 37 CFR 1.133. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comment on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: **Chan et al.**

Serial No.: **10/727,322**

Filed: **December 3, 2003**

For: **Multiple Identity Management in  
an Electronic Commerce Site**

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Group Art Unit: **2136**

Examiner: **Abedin, Shanto**

Attorney Docket No.: **CA920030029US1**

## AGENDA FOR TELEPHONE INTERVIEW

I am requesting a telephone interview on September 18<sup>th</sup>, 2007 at 10:00 am CT.

Please consider the following topics for discussion:

- Applicants would like to discuss a claim amendment to overcome the 35 U.S.C. § 101 rejection of claims 10-18. Applicants are **proposing** an amendment that recites "A computer program product having a computer readable medium tangibly embodying computer executable code for managing multiple user identities for a user of an electronic commerce (e-commerce) site defined using the plurality of security domains, wherein the computer executable code, when executed on a computing device, causes the computing device to:"
- Applicants would like to discuss the rejection of claims 1-27 under 35 U.S.C. § 102(e). **Proposed** claim amendments are attached. Applicants would like to discuss that Wood fails to teach selecting a session from a plurality of sessions persisted for the user based on the determined security domain; and reusing the selected session for the user automatically in accordance with the determined security domain, the selected session being associated with a user identity and a role, the user identity and the role together indicating privileges for invoking operations of the e-commerce site in the determined security domain.

The Examiner is invited to call at the below-listed telephone number to confirm or reschedule the requested telephone interview.

Francis Lammes  
*Reg. No. 55,353*  
**WALDER INTELLECTUAL PROPERTY LAW, P.C.**  
P.O. Box 832745  
Richardson, TX 75083  
(214) 722-6491  
AGENT FOR APPLICANTS

**Proposed claim amendments:**

1. (Currently amended) A method for managing multiple user identities for a user of an electronic commerce (e-commerce) site, the method comprising:  
defining the e-commerce site as ~~one or more~~ a plurality of security domains; and  
in response to a user's request to invoke an operation of the e-commerce site:  
determining a ~~[[one]]~~ security domain of the ~~one or more~~ plurality of  
security domains to which the operation relates;  
selecting a session from a plurality of sessions persisted for the user based  
on the determined security domain; and  
~~performing one of a) creating a session and b) reusing~~ [[a]] the selected  
session for the user automatically in accordance with the  
determined security domain, ~~[[said]]~~ the selected session being  
associated with a user identity and a role, the user identity and the  
role together indicating privileges for invoking operations of the e-  
commerce site in ~~at least~~ the determined security domain; ~~and~~  
~~persisting said session for reuse.~~
2. (Currently amended) The method of claim 1 comprising invoking ~~[[said]]~~ the  
requested operation with ~~[[said]]~~ the user identity and role of ~~[[said]]~~ the selected session.
3. (Currently amended) The method of claim 2 wherein the selected session  
comprises information indicating at least one of: the user preference's for invoking  
operations at the e-commerce site; the user's preferences for invoking operations at ~~[[at]]~~  
least the determined security domain; and a security signature for authenticating the  
selected session information.
4. (Currently amended) The method of claim 1 comprising evaluating the requested  
operation to determine an operation type and wherein ~~[[said]]~~ the step of ~~performing~~  
reusing is performed in accordance with the operation type.
5. (Canceled)



6. (Currently amended) The method of claim 4 wherein ~~[[said]]~~ the user identity is associated with an identity type for permitting the invocation of operations; wherein ~~[[said]]~~ the method comprises receiving the user's request in association with ~~one or more~~ the plurality of sessions persisted for the user and retrieving ~~[[a]]~~ the user identity for the determined security domain from ~~said one or more~~ the plurality of sessions; and wherein ~~said performing the reusing~~ is performed in response to the identity type of the retrieved user identity.

7. (Currently amended) The method of claim 1 wherein ~~[[said]]~~ the step of ~~persisting~~ selecting comprises providing one or more cookies defining the selected session to the user for associating with a subsequent request.

8. (Currently amended) The method of claim ~~[[6]]~~ 7 wherein the cookies comprise an authentication cookie and a session cookie; and wherein the method comprises authenticating the user's request.

9. (Currently amended) The method of claim 1 comprising:  
defining each of the ~~one or more~~ plurality of security domains as a hierarchy of organizations and assets owned by the organizations; and  
wherein ~~[[said]]~~ the determining a one of the ~~one or more~~ plurality of security domains to which the operation relates comprises evaluating the user's request in accordance with the hierarchy.

10. (Currently amended) A computer program product having a computer readable medium tangibly embodying computer executable code for managing multiple user identities for a user of an electronic commerce (e-commerce) site defined using ~~one or more~~ the plurality of security domains, wherein the computer program product comprising executable code, when executed on a computing device, causes the computing device to ~~[[for]]~~:

in response to a user's request to invoke an operation of the e-commerce site:

determining a ~~[[one]]~~ security domain of the ~~one or more~~ plurality of  
security domains to which the operation relates;  
selecting a session from a plurality of sessions persisted for the user based  
on the determined security domain; and  
~~performing one of a) creating a session and b) reusing~~ [[a]] the selected  
session for the user automatically in accordance with the  
determined security domain, [[said]] the selected session being  
associated with a user identity and a role, the user identity and the  
role together indicating privileges for invoking operations of the e-  
commerce site in ~~at least~~ the determined security domain; ~~and~~  
~~persisting said session for reuse.~~

11. (Currently amended) The computer program product of claim 10 comprising  
code for invoking [[said]] the requested operation with [[said]] the user identity and role  
of [[said]] the selected session.

12. (Currently amended) The computer program product of claim 11 wherein the  
selected session comprises information indicating at least one of: the user preference's for  
invoking operations at the e-commerce site; the user's preferences for invoking operations  
at [[at]] least the determined security domain; and a security signature for authenticating  
the selected session information.

13. (Currently amended) The computer program product of claim 10 comprising  
code for evaluating the requested operation to determine an operation type and wherein  
[[said]] the code for ~~performing~~ reusing is adapted to be performed in accordance with  
the operation type.

14. (Canceled)

15. (Currently amended) The computer program product of claim 13 wherein [[said]]  
the user identity is associated with an identity type for permitting the invocation of

operations; wherein ~~[[said]]~~ the computer program product comprises code for receiving the user's request in association with ~~one or more~~ plurality of sessions persisted for the user and retrieving ~~[[a]]~~ the user identity for the determined security domain from ~~said one or more~~ the plurality of sessions; and wherein ~~[[said]]~~ the code for ~~performing~~ reusing is adapted to be performed in response to the identity type of the retrieved user identity.

16. (Currently amended) The computer program product of claim 10 wherein ~~[[said]]~~ the code for ~~performing~~ reusing comprises code for providing one or more cookies defining the selected session to the user for associating with a subsequent request.

17. (Original) The computer program product of claim 16 wherein the cookies comprise an authentication cookie and a session cookie; and wherein the computer program product comprises code for authenticating the user's request.

18. (Currently amended) The computer program product of claim 10 comprising code for:

defining each of the ~~one or more~~ plurality of security domains as a hierarchy of organizations and assets owned by the organizations; and

wherein ~~[[said]]~~ the code for determining a one of the ~~one or more~~ plurality of security domains to which the operation relates is adapted to evaluate the user's request in accordance with the hierarchy.

19. (Currently amended) A system for managing multiple user identities for a user of an electronic commerce (e-commerce) site defined using ~~one or more~~ a plurality of security domains, the system comprising:

an identity manager component configured to, in response to a user's request to invoke an operation of the e-commerce site:

determine a ~~[[one]]~~ security domain of the ~~one or more~~ plurality of security domains to which the operation relates;

select a session from a plurality of sessions persisted for the user based on the determined security domain; and  
~~perform one of a) creating a session and b) reusing reuse~~ [[a]] the selected session for the user automatically in accordance with the determined security domain, [[said]] the selected session being associated with a user identity and a role, the user identity and the role together indicating privileges for invoking operations of the e-commerce site in at least the determined security domain; and  
~~persist said session for reuse.~~

20. (Currently amended) The system of claim 19 wherein the identity manager component is adapted to invoke [[said]] the requested operation with [[said]] the user identity and role of [[said]] the selected session.

21. (Currently amended) The system of claim 20 wherein the selected session comprises information indicating at least one of: the user preference's for invoking operations at the e-commerce site; the user's preferences for invoking operations at [[at]] least the determined security domain; and a security signature for authenticating the selected session information.

22. (Currently amended) The system of claim 19 wherein the identity manager component is configured to evaluate the requested operation to determine an operation type and adapted to ~~perform said one of a) creating and b) reusing~~ reuse the selected session in accordance with the operation type.

23. (Canceled)

24. (Currently amended) The system of claim 22 wherein [[said]] the user identity is associated with an identity type for permitting the invocation of operations; wherein [[said]] the identity manager component is adapted to receive the user's request in association with one or more the plurality of sessions persisted for the user and retrieve

[[a]] the user identity for the determined security domain from ~~said one or more~~ the plurality of sessions; and wherein [[said]] the identity manager component is adapted to perform ~~said one of a) creating and b) reusing~~ reuse the selected session in response to the identity type of the retrieved user identity.

25. (Currently amended) The system of claim 19 wherein to ~~persist said~~ select the selected session [[said]] the identity manager component provides one or more cookies defining the selected session to the user for associating with a subsequent request.

26. (Currently amended) The system of claim [[26]] 25 wherein the cookies comprise an authentication cookie and a session cookie; and wherein the identity manager component authenticates the user's request.

27. (Currently amended) The system of claim 19 wherein the e-commerce site is defines each of the ~~one or more~~ plurality of security domains as a hierarchy of organizations and assets owned by the organizations; and wherein [[said]] the identity manager component is adapted to determine a one of the ~~one or more~~ plurality of security domains to which the operation relates by evaluating the user's request in accordance with the hierarchy.